Vol. 287, Nos. 1–2 Clinica Chimica Acta September 1999

CONTENTS

Cited in: *Biological Abstracts—Elsevier BIOBASE/Current Awareness in Biological Sciences—Chemical Abstracts—Current Contents/Life Sciences—EMBASE Excerpta Medica—Index Medicus—Clinical Chemistry Lookout—Current Clinical Chemistry—Informedicus—PASCALM—Reference Update—Current Clinical Cancer*

Research articles

Serotonin stimulation of calcium mobilisation in human platelets: choice of units of measurement, effects of age and tobacco use, and correlation with serotonin$_{2A}$ receptor density
C.J. Fowler, E. Sjöberg and G. Tiger (Sweden) 1

Effect of angiotensin convertase inhibitors and AT1 angiotensin receptor antagonists on the development of oxidative stress in the kidney of diabetic rats
K. Kędziora-Kornatowska (Poland) 19

A new Lp(a) assay that is unaffected by apo(a) size polymorphism
S. Yamada, K. Inoue, R. Morishita, T. Ogihara, K. Kubono, N. Kubo, A. Abe and I. Sakurabayashi (Japan) 29

Interdependence of serum concentrations of vitamin K_1, vitamin E, lipids, apolipoprotein A_1, and apolipoprotein B: importance in assessing vitamin status
B.E. Cham, J.L. Smith and D.M. Colquhoun (Australia) 45

Phospatidylinositol 3-kinase expression in human breast cancer
E.S. Gershtein, V.A. Shatskaya, V.D. Ermilova, N.E. Kushlinsky and M.A. Krasil'nikov (Russia) 59

An LC–MS method to determine concentrations of isoflavones and their sulfate and glucuronide conjugates in urine
C.O. Cimino, S.R. Shelnutt, M.J.J. Ronis and T.M. Badger (USA) 69

A new assay method of γ-glutamyltransferase with 4-aminobenzoate hydroxylase from *Agaricus bisporus* as a coupling enzyme
Y. Mizutani, Y. Nakano, S. Yamada and T. Samejima (Japan) 83

Plasma levels of pipecolic acid, both L- and D-enantiomers, in patients with chronic liver diseases, especially hepatic encephalopathy
T. Fujita, Y. Amuro, T. Hada and K. Higashino (Japan) 99

Alteration of substrate affinity of *Streptomyces* cholesterol oxidase for application to the rate assay of cholesterol in serum
Y. Nishiya and N. Hirayama (Japan) 111

A new rapid method to detect inhibition of Amadori product generated by δ-gluconolactone
S. Rahbar and J.L. Nadler (USA) 123

A simple immunoradiometric assay for measuring the entire molecules of adrenomedullin in human plasma
H. Ohta, T. Tsuji, S. Asai, S. Tanizaki, K. Sasakura, H. Teraoka, K. Kitamura and K. Kangawa (Japan) 131

Origin of D- and L-pipecolic acid in human physiological fluids: a study of the catabolic mechanism to pipecolic acid using the lysine loading test
T. Fujita, T. Hada and K. Higashino (Japan) 145

Short communication

Rapid and non-isotopic detection of intron 18 polymorphism of the factor VIII gene
R.P.S. Soares, A.C. Magnanelli, L.M. Bravo-Osorio, D.A.F. Chamone and S.P. Bydlowski (Brazil) 157

(continued on inside back cover)

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0009-8981(199909)287:1/2;1-I

05097

(Contents continued from outside back cover)

Case report

Genetic analyses in homozygous and heterozygous variants of lactate dehydrogenase-B (H) subunit -LD-B Matsumoto I and II (LD-B W323R)-
N. Okumura, F. Terasawa, I. Ueno, K. Oki, K. Yamauchi, H. Hidaka, M. Tozuka, M. Okura and T. Katsuyama (Japan) 163

Corrigendum

Corrigendum to "Simpler technique for measuring oxidative susceptibility by heparin affinity column isolation of lipoproteins"
I.V. Kaplan, G.A. Hobbs and S.S. Levinson (USA) 173

Calendar 175
Author index 177
Subject index 179
Instructions to Authors 183